(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



(43) International Publication Date 13 May 2004 (13.05.2004)

PCT

(10) International Publication Number WO 2004/039611 A1

(51) International Patent Classification⁷: B6 27/02

B60C 27/14,

(21) International Application Number:

PCT/IB2003/002898

(22) International Filing Date: 21 J

21 July 2003 (21.07.2003)

(25) Filing Language:

Italian

(26) Publication Language:

English

(30) Priority Data: 1817/02

29 October 2002 (29.10.2002) C

(71) Applicant (for all designated States except US): MAGGI CATENE S.P.A. [IT/IT]; Via Milano 2/4, I-22057 Olginate (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): MAGGI, Corrado [IT/IT]; Via Crippa 13, I-23896 Sirtori (IT). BOUVIER, Jean-Pierre [CH/CH]; Chemin de la Valleyre 61, CH-1052 Le Mont sur Lausanne (CH). (74) Agents: FAGGIONI, Carlo, Maria et al.; Fumero Studio Consulenza Brevetti, Via S. Agnese 12, I-20123 Milano (IT).

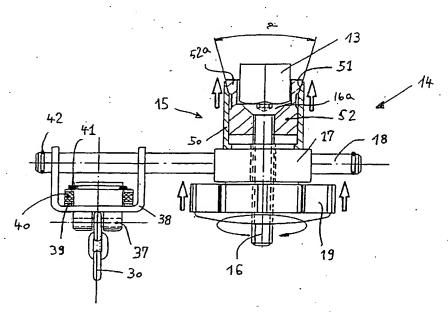
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, Cl, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Declaration under Rule 4.17:

 as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY,

[Continued on next page]

(54) Title: QUICK-FIT ANTI-SKID SYSTEM FOR VEHICLE WHEELS AND ASSOCIATED DEVICE FOR FIXING TO THE WHEEL



(57) Abstract: An anti-skid system for vehicle wheels is described, said system comprising gripping elements which are intended to make contact with the tread of the wheel and are arranged at the free ends of arms joined to a central connecting body, a clamping element (15) apt to be fastened to the rim of said wheel, and a constraining assembly able to establish a connection between said arms (21, 22) and said clamping element (15), the arms (21, 22) being in the form of flexible laminar strips and the constraining assembly comprising at least one linear traction member (30) which is non-extendable, but adjustable lengthwise; an advantageous clamping element (15) which makes the system more cost-effective and mounting thereof on the wheel more convenient is also described.

2004/039611 41